ELSEVIER

Neuroscience Letters 282 (2000) 207–209

Neuroscience Letters

www.elsevier.com/locate/neulet

Contents to Volume 282

Volume 282, nos. 1,2

Heme oxygenase-1 induction protects murine cortical astrocytes from hemoglobin toxicity
R.F. Regan, Y. Guo, N. Kumar (USA) 1

Exogenous spermine reduces ischemic damage in a model of focal cerebral ischemia in the rat
B.A. Coert, R.E. Anderson, F.B. Meyer (USA) 5

Effects of vision on head stability and torques during voluntary pulls made by standing humans
D.F. Bedford, J.W. Steege, W.A. Lee (USA) 9

Fatty acid amide hydrolase expression in rat choroid plexus: possible role in regulation of the sleep-inducing action of oleamide
M. Egertová, B.F. Cravatt, M.R. Elphick (UK, USA) 13

Role of dopamine receptor subtypes in the acquisition of a testosterone conditioned place preference in rats
J.P. Schroeder, M.G. Packard (USA) 17

Effects of blockade of metabotropic glutamate receptors in the subthalamic nucleus on haloperidol-induced Parkinsonism in rats
H. Miwa, K. Nishi, T. Fuwa, Y. Mizuno (Japan) 21

Tityustoxin effect on nerve compound action potentials requires extracellular sodium
J.S. Cruz, A.C.S. Matavel, H.M. Leão-Filho, T. Moraes-Santos, P.S.L. Beirão (Brazil) 25

The pontine micturition center in rat receives direct lumbosacral input. An ultrastructural study
B.F.M. Blok, G. Holstege (The Netherlands) 29

Learning to write letters: transfer in automated movements indicates modularity of motor programs in human subjects
O.D. Kharraz-Tavakol, T. Eggert, N. Mai, A. Straube (Germany) 33

Expression of the Huntingtin-associated protein 1 gene in the developing and adult mouse
I. Dragatsis, P. Dietrich, S. Zeitlin (USA) 37

Neuroprotective effect of α-phenyl-N-*tert*-butylnitrone in gerbil hippocampus is mediated by the mitogen-activated protein kinase pathway and heat shock proteins
M. Tsuji, O. Inanami, M. Kuwabara (Japan) 41

Interaction between estrogen receptor 1 and the ε4 allele of apolipoprotein E increases the risk of familial Alzheimer's disease in women
K.M. Mattila, K. Axelman, J.O. Rinne, M. Blomberg, T. Lehtimäki, P. Laippala, M. Röyttä, M. Viitanen, L.-O. Wahlund, B. Winblad, L. Lannfelt (Sweden, Finland) 45

The formation of PHF-1 and SMI-31 positive dystrophic neurites in rat hippocampus following acute injection of okadaic acid
J.-H. Lee, H.-N. Hong, J.-O. Im, H.-S. Byun, D. Kim (South Korea) 49

Run-up of γ-aminobutyric $acid_C$ responses in catfish retinal cone-horizontal cell axon-terminals is modulated by protein kinase A and C
C.-S. Jung, S.-J. Lee, S.-S. Paik, S.-H. Bai (South Korea) 53

Oxidative stress-related proteins A170 and heme oxygenase-1 are differently induced in the rat cerebellum under kainate-mediated excitotoxicity
K. Nakaso, M. Kitayama, H. Fukuda, K. Kimura, T. Yanagawa, T. Ishii, K. Nakashima, K. Yamada (Japan) 57

Inhibition of adjuvant-induced inflammatory hyperalgesia in rats by local injection of neurotrophin-3
M. Watanabe, Y. Endo, K. Kimoto, R. Katoh-Semba, Y. Arakawa (Japan) 61

Proteolytic processing and degradation of human presenilin-1 expressed in yeast
S. Song, M. Ohba, Y. Saito, T. Honda, A. Takashima, H. Takahashi (Japan) 65

Insulin-like growth factor-1-mediated protection from neuronal apoptosis is linked to phosphorylation of the pro-apoptotic protein BAD but not to inhibition of cytochrome c translocation in rat cerebellar neurons
M. Gleichmann, M. Weller, J.B. Schulz (Germany) 69

The novel anticonvulsant retigabine activates M-currents in Chinese hamster ovary-cells tranfected with human KCNQ2/3 subunits
C. Rundfeldt, R. Netzer (Germany) 73

Striatal matrix neurons of the rat differentiate in culture from dissociated fetal progenitor cells isolated by buoyant density centrifugation
A. Dori, D. Maric, I. Maric, R. Masalha, J.L. Barker, W.F. Silverman (Israel, USA) 77

Topography of brain electrical activity dissociates the sequential order transformation of verbal versus spatial information in humans
B. Rolke, M. Heil, E. Hennighausen, C. Häussler, F Rösler (Germany) 81

Transtentorial cerebellar c-*jun* expression after focal cerebral cortical injury in mice
J.-S. Liu, Y.-Y. Chang, H.-S. Wu, C.-Y. Huang, W.-H. Chen, M.-Y. Lan, Y.-F. Kao, S.-S. Chen (Taiwan, USA) 85
The mitogen-activated protein kinase cascade mediates neurotrophic effect of epidermal growth factor in cultured rat hippocampal neurons
K. Abe, H. Saito (Japan) 89
Effects of neurosteroids on Ca^{2+} signaling mediated by recombinant *N*-methyl-D-aspartate receptor expressed in Chinese hamster ovary cells
H. Mukai, S. Uchino, S. Kawato (Japan) 93
$5\text{-}HT_{1A}$ autoreceptor antagonist-induced 5-HT release in the hamster suprachiasmatic nuclei: effects on circadian clock resetting
M.C. Antle, J.D. Glass, R.E. Mistlberger (Canada, USA) 97
Spontaneous oscillation of oxy- and deoxy- hemoglobin changes with a phase difference throughout the occipital cortex of newborn infants observed using non-invasive optical topography
G. Taga, Y. Konishi, A. Maki, T. Tachibana, M. Fujiwara, H. Koizumi (Japan) 101
Impaired nitrergic relaxations in the gastric fundus of dystrophic (mdx) mice
M.C. Baccari, P. Romagnani, F. Calamai (Italy) 105
A 6-day intracerebroventricular infusion of the growth hormone-releasing peptide KP-102 stimulates food intake in both non-stressed and intermittently-stressed rats
H. Kuriyama, M. Hotta, I. Wakabayashi, T. Shibasaki (Japan) 109
The neuroprotective effect of deferoxamine in the hypoxic-ischemic immature mouse brain
D.P. Sarco, J. Becker, C. Palmer, R.A. Sheldon, D.M. Ferriero (USA) 113
The effect of pentylenetetrazole-kindling on the extracellular glutamate and taurine levels in the frontal cortex of rats
Z.-q. Li, Y. Yamamoto, T. Morimoto, J. Ono, S. Okada, A. Yamatodani (Japan) 117
Chronic 'binge' pattern cocaine alters the neuroendocrine profile of pregnant rats
V. Quiñones-Jenab, L.C. Krey, S.D. Schlussman, A. Ho, M.J. Kreek (USA) 120

Volume 282, no. 3

A cortical motor region that represents the cutaneous back muscles in the macaque monkey
T. Akazawa, H. Tokuno, A. Nambu, I. Hamada, Y. Ito, Y. Ikeuchi, M. Imanishi, N. Hasegawa, N. Hatanaka, M. Takada (Japan) 125
N-Methyl-D-aspartate receptor NR1 subunit mRNA level was decreased in rat brain during pentobarbital withdrawal
C.-G. Jang, I.K. Ho (USA) 129
The correlation between P300 alterations and regional cerebral blood flow in non-demented Parkinson's disease
L. Wang, Y. Kuroiwa, M. Li, T. Kamitani, J. Wang, T. Takahashi, Y. Suzuki, T. Ikegami, S. Matsubara (Japan) 133
Plasminogen enhances the secretion of plasminogen activator inhibitor-1 from cultured rat astrocytes
Y. Liu, S. Honda, S. Kohsaka, K. Nakajima (Japan) 137
Intracellular Ca^{2+} signaling is required for neurotrophin-induced potentiation in the adult rat hippocampus
H. Kang, E.M. Schuman (USA) 141
Neural substrates for depth perception of the Necker cube; a functional magnetic resonance imaging study in human subjects
T. Inui, S. Tanaka, T. Okada, S. Nishizawa, M. Katayama, J. Konishi (Japan) 145
Detection of complement factor B in the cerebrospinal fluid of patients with cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy disease using two-dimensional gel electrophoresis and mass spectrometry
M. Ünlü, R.P.J. de Lange, R. de Silva, R. Kalaria, D. St. Clair (UK) 149
P2 purinoceptor expression and functional changes of hypoxia-activated cultured rat retinal microglia
K. Morigiwa, M.-z. Quan, M. Murakami, M. Yamashita, Y. Fukuda (Japan) 153
Neural activity in the horizontal limb of the diagonal band of Broca can be modulated by electrical stimulation of the olfactory bulb and cortex in rats
C. Linster, M.E. Hasselmo (USA) 157
Selective MT_2 melatonin receptor antagonist blocks melatonin-induced antinociception in rats
C.-X. Yu, C.-B. Zhu, S.-F. Xu, X.-D. Cao, G.-C. Wu (People's Republic of China) 161
Bis(7)-tacrine, a novel acetylcholinesterase inhibitor, reverses AF64A-induced deficits in navigational memory in rats
J. Liu, W.-L. Ho, N.T.-K. Lee, P.R. Carlier, Y.-P. Pang, Y.-F. Han (People's Republic of China, USA) 165
Up-regulation of $sigma_1$ receptor mRNA in rat brain by a putative atypical antipsychotic and sigma receptor ligand
D. Zamanillo, F. Andreu, S. Ovalle, M.P. Pérez, G. Romero, A.J. Farré, X. Guitart (Spain) 169
Up-regulation of type II adenylyl cyclase mRNA in kindling model of epilepsy in rats
H. Iwasa, S. Kikuchi, S. Mine, H. Miyagishima, K. Sugita, T. Sato, S. Hasegawa (Japan) 173
Percentage incidence of γ-aminobutyric acid neurons in the claustrum of the rabbit and comparison with the cortex and putamen
S.M. Gómez-Urquijo, I. Gutiérrez-Ibarluzea, J.L. Bueno-López, C. Reblet (Spain) 177
Somatosensory evoked potentials to a threshold air-puff can predict stimulus detection in human subjects
I. Hashimoto, K. Yoshikawa, T. Kimura (Japan) 181

Adenosine triphosphate-induced peripheral nerve discharges generated from the cat petrosal ganglion in vitro
J. Alcayaga, V. Cerpa, M. Retamal, J. Arroyo, R. Iturriaga, P. Zapata (Chile) 185
Quantitative changes in interleukin proteins following focal stroke in the rat
J.J. Legos, R.G. Whitmore, J.A. Erhardt, A.A. Parsons, R.F. Tuma, F.C. Barone (USA) 189
Neuroimmune relations in patients with fibromyalgia: a positron emission tomography study
M. Lekander, M. Fredrikson, G. Wik (Sweden) 193
Gender differences in rat neuropathic pain sensitivity is dependent on strain
J.A. DeLeo, M.D. Rutkowski (USA) 197
Time of day determines modulation of synaptic transmission by adenosine in the rat hippocampal slices
D.K-C. Liu, R.L. Horner, J.M. Wojtowicz (Canada) 200

Author Index to Volume 282 203
Contents to Volume 282 207